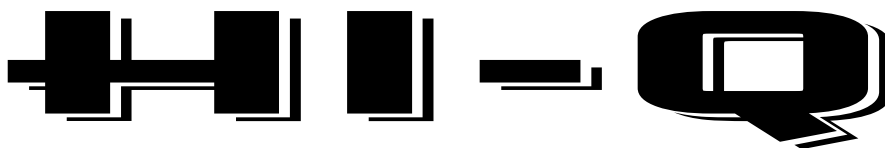




# *Journal of the Lakehead Amateur Radio Club*



**Thunder Bay, On-**

Volume 88

**September 2022**

Issue 07

## Election Time at the LARC

It is September and the LARC is looking for you to join the board of directors

The directors help lead the club through the year by representing the membership of the LARC.

If you feel that you can make a difference and help guide the LARC, then please read up on the various roles in the most recent constitution of the LARC.

The roles which need filling are:

President  
Vice President  
Secretary  
Treasurer  
Director (4)

Please come to the September meeting or join via zoom and let your name stand for the role that best represents you. Please prepare an up to 2 minute summary of yourself, which would demonstrate why the general membership wants you to represent them.

See you all at the meeting

Eric Todd VE3XET  
President

## The Prez says:

Oh wow, where did the summer go? First, we had field day, which was great to see that those who were able to attend had a lot of fun (right Phil??). The location was perfect, and we even had the media come and prepare a news blurb on us (<https://bit.ly/LARC-FDay-News>). Thanks you again to all the boys and girls that helped to make this event enjoyable.

Next, we had the VE3TBR antenna project and BGA controller project, you must really love this hobby, as these projects became a labor of love. If you added up

all the time everyone has put into this and other projects it would be huge. From shortening the tower at the TBR site, to preparing the new antenna, the heliax, and everything else that needed to be done. Terry and Randy, you deserve a special thank you for doing all of this work for all these years. I am glad that we now have a technical committee which can assist in these projects to lighten your workload, which was demonstrated when VE3BGA was revived again on Loch Lomond.

Then came our expedition to Quetico Provincial Park, which I will not talk much about here, as I know that Brandon VE3OTV is preparing a presentation for us at the October meeting. All I can say is that I would do it again in a heartbeat.

Now here we are, September a new ham radio season. As you know, the September meeting is our election meeting, where we vote in an executive, which shapes your voice for the next season. Keep in mind, in order to vote at the September meeting, you must be a member in good standing prior to the elections. Please bring a pen with you (or crayon) If you did an E-transfer within days of our meeting, please bring proof of payment with you to the meeting. If we can't proof that you are a paid member, you will not be able to vote. I see we already have a good number of paid members for the 2022/2023 season.

We are working on having a hybrid meeting for September, but if you want to assure you have your vote, attend in person and be a paid-up member. Hope to see everyone at the meeting.

73, Eric Todd VE3XET President

Next Meeting Thursday  
September 8<sup>th</sup>, 2022 at 1900  
Confederation College Aviation Centre  
  
Turn south at Arthur and Parkdale and  
continue past the greenhouses.

## **LARC SENATE**

Robert Hansen VE3RVA  
Dave Kimpton VE3AVS  
Lindo Scalese VE3NHX  
Terry Stewardson VA3LU  
Ed Baumann VE3SNW

## **LARC EXECUTIVE**

President: Eric Todd VE3XET  
VP: Stephan Burns VE3SJB  
Treasurer: Randy McAllister VA3WBW  
Secretary:

### **Board Members**

Robert Hansen VE3RVA  
Randy Gottfred VA3OJ  
Axel Rehfuhs VE3OPF  
John Plumridge VE3FMT

## **LARC Emergency Coordinator**

Brad Harris VE3MXJ

## **ACS Amethyst District Emergency Coordinator**

Warren Paulson, VE3FYN

## **CANWARN**

VE3RRP Karl

## **Public Service Events**

VA3TBA Chris Chadwick

## **Accredited Examiners**

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**2022**

## **ABOUT US**

The Lakehead Amateur Radio Club (LARC) is an incorporated not for profit group of amateur radio operators in the Thunder Bay area that meet for self education, community service and fellowship. . Our postal address is 1100C Memorial Ave. Suite 184, Thunder Bay, Ontario P7B 4A3. This newsletter is published monthly except for July and August by Ed Baumann VE3SNW and questions and submissions may be emailed to [hqnewsletter@gmail.com](mailto:hqnewsletter@gmail.com)

## **Amethyst District Auxiliary Communications Service Providing emergency communications for Northwestern Ontario**

This is a list of the ACS frequencies in order of preference, number 1 being the first choice, if that frequency is in use or not working as in a repeater, then number 2 is the next choice, and so on,,,,,,,,,

### **VHF**

1. 147.060- VE3YQT (MT.BALDY)
2. 147.390+ VE3BGA PL107.2 (LOCH LOMOND)
3. 146.820- VE3TBR PL107.2 (ST.JOSEPH HERITAGE)
4. SIMPLEX 146.520 > 146.580 > 146.550

### **HF**

RAC ACS Canadian National Emergency Frequencies

1. 80M 3.675MHz LSB designated as ALPHA
2. 40M 7.135MHz LSB designated as BRAVO
3. 20M 14.135MHz USB designated as CHARLIE

## **Nets and Exercises**

Wednesdays at 8 PM ET (2000hrs) 0000UTC on frequency 3.675MHz LSB (80 Metres)

We have four different net control operators across NWO. At the end of check in's we try and do some sort of exercise, winlink P2P, JS8 CALL, passing messages. Everyone is encouraged to check in, even if you are not an ACS or LARC member.

## September

2022

Lakehead Amateur Radio Club  
Minutes of the General Meeting on 9 June 2022  
Chaired by Eric Todd VE3XET

The Meeting was called to order at 1910 by President Eric Todd VE3XET at the Confederation College Aircraft centre.

### Round table

Presentation by Doug McCormick VE3EFC on remote station operation with custom software.

Secretary's report was approved by the membership as printed in HI-Q

Treasurer's report was approved by the membership as printed in HI-Q Note: amendment to correct the date to May.

ARES – no report

Public Service – Chris Chadwick VA3ZU reports that the Xterra event will be held next year.

Repeaters – Randy Gottfred VA3OJ and Terry Stewardson VA3LU reported that the antenna on TBR needs replacement and YQT still sounds “muddy”

### Old Business

Insurance – insurance with RAC is still under investigation

Election – details have been worked out to include zoom participants in the election

Membership period – deferred

### New Business

Audit – an audit of the club finances will be done as required

New Antenna for TBR – A motion was made by Eric Todd VE3XET and 2<sup>nd</sup> by Axel Rehfuhs VE3OPF that a Hustler antenna that is available be obtained by the club. Motion passed.

Bob Fontaine VE3JAY recommended that the Fort William Historical Park scroll be revisited.

A motion to form a technical committee to direct the work on the repeaters consisting of Stephan, James, Lindo, John P, Axel. 2<sup>nd</sup> by John Grandell VA3WJX and was passed.

Meeting adjourned.

## BWARC

is planning a fall picnic south of the border and we are invited.

Send replies to [jaynef@blackspruce.com](mailto:jaynef@blackspruce.com)

Hi everyone!

At our monthly BWARC meeting today we discussed that fact that it's almost (EEK!) September, and would like to get organized for our annual fall picnic.

I will throw out a couple dates: Sunday September 25 or Sunday October 2. Please let me know first if you are interested in getting together for a picnic this year, and if so, would either or both of these days work for you??

Thanks much!

Jayne

## Trans Canada Trail Event ?

Hiroshi Takahashi [va7let@gmail.com](mailto:va7let@gmail.com)

:

I have been thinking of ways to get neighbouring clubs together to do a larger event. Similar to how the Vancouver WA club did an event for the Lewis and Clark Trail On the Air (<https://lctota.org/>) event this year. I was thinking of an event for 2023, based on the Trans Canada Trail. I mentioned this to our local RAC rep and he was interested. It would involve a club (or two) in each of the provinces and territories to schedule their callsign to be on the air over a period of about 3 weeks, so all Amateurs can try and contact them. If the 13 contacts are made, the operator would be classed as an Expedition Leader, while if they only got some of the stations, they would be an Expedition Participant. PDF and paper Certificates could be purchased after the event is complete.

In Ontario and Quebec, we might use 2 clubs in each to help cover the area. I have a contact with the Seaway Valley ARC, so thought TB would be a good area to hit too.

Would you be interested in joining us if we can get this off the ground?

Hiroshi

***Contact Randy VA3OJ if you are interested in this event.***

## Two New Bands!

There are two major new additions to our spectrum:

472 to 479 kHz, also known as 630 metres: on this new band, we are allowed to run a maximum of five watts EIRP, using emissions with a maximum bandwidth of 1 kHz.

5351.5 to 5366.5 kHz in the 60 metre band: this is a new worldwide allocation. Canadian Amateurs are allowed to run a maximum of 100 watts ERP, using emissions with a maximum bandwidth of 2.8 kHz.

Consult the revised RBR-4 – Standards for the Operation of Radio Stations in the Amateur Radio Service for more details. .

# RAC Canada 2022 Conference and Annual General Meeting Sunday, September 18 2022 *Details at rac.ca*



## Simultaneous APRS and Voice Repeater on the International Space Station

08/15/2022

ARISS, Amateur Radio on the International Space Station, announced that simultaneous operations of the ARISS Voice Repeater and digital APRS communications on the Space Station is now a reality. Current ARISS operations include voice repeater transmissions with the JVC Kenwood D710GA in the Columbus module and APRS packet operation from an identical radio in the Service Module (Zvezda). Packet operations are on 145.825 MHz.

The ARISS Russia and USA teams have been working for several weeks to prepare the Service Module radio for APRS operations. ARISS Russia team member Sergey Samburov, RV3DR, led the effort, working with Russian mission controllers and the on-board ISS cosmonauts to configure the Service Module radio for APRS ops. On August 11, final checkouts were completed and the APRS packet mode was switched on for amateur radio use.

ARISS-International Chair Frank Bauer, KA3HDO, said, “Simultaneous operation of APRS and the voice repeater on ISS is transformative for ARISS and represents a key element of our ARISS 2.0 initiative, providing interactive capabilities 24/7 that inspire, engage and educate youth and lifelong learners—especially lifelong learning in ham radio operations. ... Our heartfelt thanks to Sergey Samburov, RV3DR, for making this crucial ARISS 2.0 initiative become a reality.”

The Columbus Module radio uses the call sign NA1SS and the new Service Module radio uses RS0ISS. Aside from the call signs, the radios are identical and packet operations are the same as before. Hams can use RS0ISS, ARISS, or APRSAT as the packet path. Also, both radios are expected to be on full time, except during educational contacts, EVAs, and dockings or undockings.

You can find operational status and expected downtimes of the ISS radios at <https://www.ariss.org/current-status-of-iss-stations>.

—ARRL news—



## Route 66 On the Air Special Event

09/02/2022

The annual Route 66 On the Air Special Event will take place September 10 - 18, 2022. The purpose of the event is to commemorate the history of the "Mother Road" connecting the east and west United States.

Now in its 23rd year, the Northern Arizona DX Association (NADXA) started the event, which is now coordinated by the Citrus Belt Amateur Radio Club (CBARC) in San Bernardino, California.

There will be 21 stations with 1x1 call signs on the air from Chicago, Illinois, to Santa Monica, California, all with consecutive calls starting with W6. NADXA will operate three of the 21 stations, including W6G (Flagstaff, Arizona), and W6S (Arizona Rover 1). They'll set up at various spots along Route 66 east of Flagstaff, and W6T (Arizona Rover 2) will be set up in Bellemont. Later in the week, the event will be moved to Parks, on old Route 66, west of Flagstaff.

The history of the Mother Road began in 1926, when US Highway 66 was established. It was the first major improvement to the link between the west coast and the nation's heartland. Through stories, songs, and TV shows, the highway came to symbolize the freedom of the open road, inspiring many to see America in its entirety. The demise of Route 66 began in the 1950s, as construction began on the new interstate highway system. US Route 66 was officially decommissioned in 1986, but today, small portions of the highway still exist in several states.

For more information on participating stations, certificates and decals, and the Route 66 On the Air Special Event, visit the Citrus Belt Amateur Radio Club (CBARC) and Northern Arizona DX Association (NADXA) websites.

Visit the ARRL Special Event Stations database at [www.arrl.org/special-event-stations](http://www.arrl.org/special-event-stations) to find other on-the-air events and commemorations.

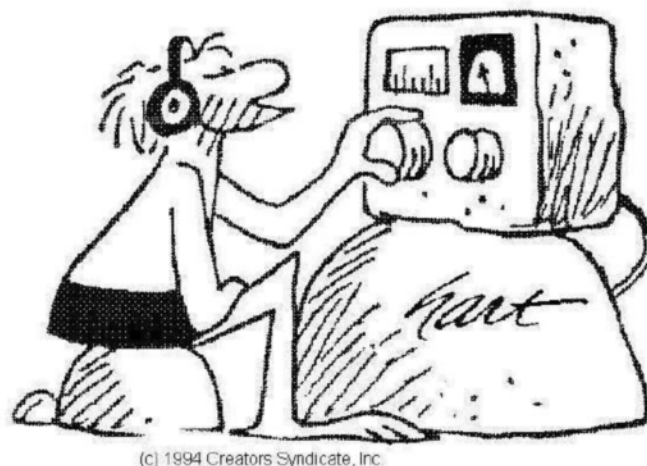
ARRL news

## On the Web

<https://www.cnn.com/2022/08/17/uk/girl-iss-amateur-radio-scen-scli-intl-gbr/index.html>

<https://wgntv.com/news/trending/solar-flares-will-increase-cause-problems-on-earth-through-2025-nasa-says/>

*Thanks to Jan and Al*



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## September 2022

Mon	Tue	Wed	Thu	Fri	Sat	Sun
			1	2	3	4
5 Labour Day	6	7	8 LARC MEETING 1900 hrs Aviation Centre	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		